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CLAIMS

What is claimed is:

performance setting.

- 1 1. A method for controlling printing performance of a printing device, 2 comprising the steps of: receiving identification of a desired printing performance; 3 4 automatically determining which of several different printing parameters of the 5 printing device to adjust to provide the desired printing performance; and 6 adjusting the printing parameters of the printing device as necessary to provide 7 the desired printing performance. 1 2. The method of claim 1, wherein the step of receiving identification of a 2 desired printing performance comprises receiving identification of a printing
- 1 3. The method of claim 2, wherein the printing performance setting is received via a graphical user interface (GUI).
- 4. The method of claim 3, wherein the graphical user interface (GUI) includes an indication of a performance spectrum with high printing quality at one end of the spectrum and high print speed at another end of the spectrum.
- 1 5. The method of claim 4, wherein the spectrum comprises a plurality of different setting values that identify different printing performance configurations.

- 1 6. The method of claim 1, wherein the printing parameters pertain to at
- 2 least one of font substitution and font bitmapping.
- The method of claim 1, wherein the printing parameters pertain to at
- 2 least one of resolution down-sampling, data compression, I/O buffer size, masering
- 3 buffer size, and jam recovery.
- 1 8. The method of claim 1, wherein the step of receiving identification of a
- 2 desired printing performance comprises receiving identification with the printing
- 3 device directly.
- 1 9. The method of claim 1, wherein the step of receiving identification of a
- 2 desired printing performance comprises receiving identification with a computing
- 3 device separate from the printing device.
- 1 10. A system for controlling printing performance of a printing device,
- 2 comprising:
- means for receiving identification of a desired printing performance;
- 4 means for automatically determining which of several different printing
- 5 parameters of the printing device to adjust to provide the desired printing
- 6 performance; and
- 7 means for adjusting the printing parameters of the printing device as necessary
- 8 to provide the desired printing performance.

- 1 11. The system of claim 10, wherein the means for receiving identification
- 2 of a desired printing performance comprises a graphical user interface (GUI).
- 1 12. The system of claim 11, wherein the graphical user interface (GUI)
- 2 includes an indication of a performance spectrum with high printing quality at one end
- 3 of the spectrum and high print speed at another end of the spectrum.
- 1 13. The system of claim 12, wherein the spectrum includes a plurality of
- 2 different setting values that identify different printing performance configurations.
- 1 14. The system of claim 10, wherein the printing parameters pertain to at
- 2 least one of font substitution and font bitmapping.
- 1 15. The system of claim 10, wherein the printing parameters pertain to at
- 2 least one of resolution down-sampling, data compression, I/O buffer size, masering
- 3 buffer size, and jam recovery.
- 1 16. A printing device, comprising:
- 2 a processing device;
- 3 electrophotographic imaging components with which hardcopies can be
- 4 created; and
- a print control module configured to adjust printing parameters in response to
- 6 a received identification of a desired printing performance.

- 1 The device of claim 16, further comprising a graphical user interface
- 2 (GUI) with which the identification of the desired printing performance can be
- 3 received, the graphical user interface (GUI) including an indication of a performance
- 4 spectrum with high printing quality at one end of the spectrum and high print speed at
- 5 another end of the spectrum.
- 1 18. The device of claim 17, wherein the spectrum includes a plurality of
- 2 different setting values that identify different printing performance configurations.
- 1 19. The device of claim 16, wherein the print control module is configured
- 2 to adjust at least one of font substitution and font bitmapping.
- 1 20. The device of claim 16, wherein the print control module is configured
- 2 to adjust at least one of resolution down-sampling, data compression, I/O buffer size,
- 3 masering buffer size, and jam recovery.

- 1 21. A printing device driver configured to control printing performance of 2 a printing device, comprising:
- 3 logic configured to receive identification of a desired printing performance;
- 4 logic configured to automatically determine which of several different printing
- 5 parameters of the printing device to adjust to provide the desired printing
- 6 performance; and
- 7 logic configured to facilitate adjustment of the printing device printing
- 8 parameters to provide the desired printing performance.
- 1 22. The printing device driver of claim 21, where in the logic configured to
- 2 facilitate adjustment of the printing parameters comprises logic configured to facilitate
- 3 transmission of specific desired printing parameters to the printing device.
- 1 23. The printing device driver of claim 21, further comprising a graphical
- 2 user interface (GUI) configured to receive an identification of a printing performance
- 3 setting.
- 1 24. The printing device driver of claim 23, wherein the graphical user
- 2 interface (GUI) includes a performance spectrum with high printing quality at one end
- 3 of the spectrum and high print speed at another end of the spectrum.
- 1 25. The printing device driver of claim 21, wherein the printing parameters
- 2 pertain to at least one of font substitution, font bitmapping, resolution down-sampling,
- data compression, I/O buffer size, masering buffer size, and jam recovery.

- 1 26. Software for controlling printing performance of a printing device, the
- 2 software being stored on a computer readable medium, comprising:
- 3 logic configured to receive identification of a desired printing performance;
- 4 logic configured to automatically determine which of several different printing
- 5 parameters of the printing device to adjust to provide the desired printing
- 6 performance; and
- 7 logic configured to facilitate adjustment of the printing device printing
- 8 parameters to provide the desired printing performance.
- 1 27. The software of claim 21, where in the logic configured to facilitate
- 2 adjustment of the printing parameters comprises logic configured to facilitate
- 3 transmission of specific desired printing parameters to the printing device.
- 1 28. The software of claim 21, further comprising a graphical user interface
- 2 (GUI) configured to receive an identification of a printing performance setting.
- 1 29. The software of claim 23, wherein the graphical user interface (GUI)
- 2 includes a performance spectrum with high printing quality at one end of the spectrum
- 3 and high print speed at another end of the spectrum.
- 1 30. The software of claim 21, wherein the printing parameters pertain to at
- 2 least one of font substitution, font bitmapping, resolution down-sampling, data
- 3 compression, I/O buffer size, masering buffer size, and jam recovery.